

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of the Claims

cy 1. (Currently amended) A reflective light directing film having an x-axis, a y-axis, and a z-axis, the film comprising a first structured surface having a reflective coating thereon and an opposing surface, the structured surface comprising a plurality of elongate prismatic structures thereon, the elongate prismatic structures:

extending generally along the x-axis;

having a spacing along the y-axis between adjacent prismatic structures; and

having a height along the z-axis, the height of the prismatic structure varying along the x-axis in a repeating period defined by a sine wave or cosine wave.

2. (Canceled).

3. (Canceled).

4. (Original) The light directing film according to claim 1, wherein the prismatic structure includes a randomness along the z-axis.

5. (Original) The light directing film according to claim 4, wherein the randomness is superimposed on the repeating period.

6. (Original) ~~The light directing film according to claim 1, wherein the varying height~~
of the prismatic structure provides diffusion in an XZ plane defined by the x-axis and the z-axis.

7. (Original) The light directing film according to claim 1, wherein the film, when measured on an ELDIM EZ Contrast model 160R used in the reflective mode with 34 degree incident collimated light, has a measured vertical angle of view of at least 15 degrees.

8. (Original) The light directing film according to claim 7, wherein the film, when measured on an ELDIM EZ Contrast model 160R used in the reflective mode with 34 degree incident collimated light, has a measured vertical angle of view of at least 20 degrees.

9. (Original) The light directing film according to claim 1, wherein the spacing along the y-axis between adjacent prismatic structures varies along the x-axis.

10. (Canceled)

11. (Currently amended) The light directing film according to claim 1 ~~claim 10~~, wherein the reflective coating is a metallic coating.

12. (Currently amended) An optical device comprising a microreplicated light reflecting film, the film comprising a plurality of prismatic structures having a length and a width, each of the plurality of prismatic structures having a height varying in a repeating pattern defined by a sine wave or a cosine wave along the length, and a reflective coating on the plurality of prismatic structures.

13. (Canceled)

14. (Currently amended) ~~The optical device according to claim 12 claim 13,~~ wherein the reflective coating is a metallic coating.

15. (Currently amended) The optical device according to claim 12, further comprising a polarizer.

16. (Currently amended) ~~An~~ A reflective article made using a programmably controlled cutting tool, the article having an x-axis, a y-axis, and a z-axis, the article comprising a plurality of structures extending generally along the x-axis, the plurality of structures having a spacing along the y-axis between adjacent prismatic structures, and the structures having a height along the z-axis, the height of the structure varying along the x-axis in a repeating pattern defined by a sine wave or a cosine wave, the article further having a reflective coating thereon.

17-24. (Canceled)

a) 25. (New) A reflective light directing film having an x-axis, a y-axis, and a z-axis, the film comprising a first structured surface having a reflective coating thereon and an opposing surface, the structured surface comprising a plurality of elongate prismatic structures thereon, the elongate prismatic structures:

extending generally along the x-axis;

having a spacing along the y-axis between adjacent prismatic structures; and

having a height along the z-axis, the height of the prismatic structure varying along the x-axis in a repeating period and varying along the y-axis forming curved facet faces.

26. (New) The light directing film according to claim 25, wherein the prismatic structures includes a randomness along the z-axis superimposed on the repeating period in the x-axis

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27. ~~(New) The light directing film according to claim 25, wherein the varying height of the~~
prismatic structure in the x-axis provides diffusion in an XZ plane defined by the x-axis and the z-axis.

28. (New) The light directing film according to claim 25, wherein the varying height of the prismatic structure in the y-axis provides diffusion in a YZ plane defined by the y-axis and the z-axis.

29. (New) The light directing film according to claim 25, wherein the reflective coating is a metallic coating.

30. (New) The light directing film according to claim 29, wherein the metallic coating comprises silver.
